



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

KANSAS, Extreme Southeast

Crawford County

| | | | | | | | | | |
|-----------|----|---------|--|--|---|---|--|--|------------|
| Pittsburg | 23 | 0209CST | | | 0 | 0 | | | Hail(0.75) |
|-----------|----|---------|--|--|---|---|--|--|------------|

MISSOURI, Southwest

Barton County

| | | | | | | | | | |
|--------|----|---------|--|--|---|---|--|--|------------|
| Iantha | 04 | 1510CST | | | 0 | 0 | | | Hail(0.75) |
|--------|----|---------|--|--|---|---|--|--|------------|

Douglas County

| | | | | | | | | | |
|-----|----|--------------------|--|--|---|---|--|--|-------------|
| Ava | 18 | 0120CST 0230CST | | | 0 | 0 | | | Flash Flood |
|-----|----|--------------------|--|--|---|---|--|--|-------------|

Slow moving thunderstorms flooded several highways and county roads near the community of Ava.

Howell County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|-----|--|-------------|
| Countywide | 18 | 0120CST 0800CST | | | 0 | 0 | 10K | | Flash Flood |
|------------|----|--------------------|--|--|---|---|-----|--|-------------|

Oregon County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|-----|--|-------------|
| Countywide | 18 | 0120CST 0800CST | | | 0 | 0 | 10K | | Flash Flood |
|------------|----|--------------------|--|--|---|---|-----|--|-------------|

Ozark County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 18 | 0120CST 0800CST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

Shannon County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 18 | 0120CST 0800CST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

Texas County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|-----|--|-------------|
| Countywide | 18 | 0120CST 0800CST | | | 0 | 0 | 10K | | Flash Flood |
|------------|----|--------------------|--|--|---|---|-----|--|-------------|

A large cluster of low top showers and thunderstorms moved slowly over portions of south central Missouri during the early morning hours of November 18th. This heavy rain caused widespread flash flooding of small creeks and streams over highways and county roads. Numerous vehicles were caught in the raging currents which prompted water rescues. Fortunately no fatalities occurred from the flooding. This discussion applies to Howell, Oregon, Ozark, Shannon, Texas, and Douglas Counties.

Polk County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|--------------------------|
| 2 E Half Way | 18 | 0430CST | | | 0 | 0 | | | Thunderstorm Wind (EG60) |
|--------------|----|---------|--|--|---|---|--|--|--------------------------|

Several downed trees were observed over rural eastern Polk County from severe thunderstorm wind gusts.

Newton County

| | | | | | | | | | |
|--------|----|---------|--|--|---|---|--|--|------------|
| Neosho | 18 | 1204CST | | | 0 | 0 | | | Hail(0.88) |
|--------|----|---------|--|--|---|---|--|--|------------|

Newton County

| | | | | | | | | | |
|--------|----|---------|--|--|---|---|--|--|------------|
| Granby | 18 | 1230CST | | | 0 | 0 | | | Hail(1.00) |
|--------|----|---------|--|--|---|---|--|--|------------|

Barry County

| | | | | | | | | | |
|--------|----|---------|--|--|---|---|--|--|------------|
| Monett | 18 | 1245CST | | | 0 | 0 | | | Hail(1.75) |
|--------|----|---------|--|--|---|---|--|--|------------|

Barry County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|--|--|------------|
| (Umn)Monett | 18 | 1247CST | | | 0 | 0 | | | Hail(0.75) |
|-------------|----|---------|--|--|---|---|--|--|------------|

Cedar County

| | | | | | | | | | |
|-----------|----|---------|--|--|---|---|--|--|------------|
| Cane Hill | 18 | 1305CST | | | 0 | 0 | | | Hail(0.75) |
|-----------|----|---------|--|--|---|---|--|--|------------|

Lawrence County

| | | | | | | | | | |
|--------|----|---------|--|--|---|---|----|--|------------|
| Aurora | 18 | 1325CST | | | 0 | 0 | 6M | | Hail(2.75) |
|--------|----|---------|--|--|---|---|----|--|------------|

A supercell thunderstorm tracked over the community of Aurora launching hail to the size of baseballs over the central and northern sections of the city. Numerous structures in the downtown area lost windows and sustained minor damage from the large hail. Two car lots were affected along with significant roof damage to homes.



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|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|--------------------|
| | | | | | Killed | Injured | Property Crops | |

MISSOURI, Southwest

| | | | | | | | | |
|---|----|--------------------|--|--|---|---|--|--------------------------|
| Lawrence County | | | | | | | | |
| Miller | 18 | 1325CST | | | 0 | 0 | | Hail(1.75) |
| Lawrence County | | | | | | | | |
| Marionville | 18 | 1335CST | | | 0 | 0 | | Hail(0.88) |
| Greene County | | | | | | | | |
| 5 N Ash Grove | 18 | 1345CST | | | 0 | 0 | | Hail(0.88) |
| Polk County | | | | | | | | |
| Bolivar | 18 | 1345CST | | | 0 | 0 | | Hail(0.75) |
| Stone County | | | | | | | | |
| 3 N Crane | 18 | 1354CST | | | 0 | 0 | | Hail(0.75) |
| Christian County | | | | | | | | |
| Clever | 18 | 1420CST 1530CST | | | 0 | 0 | | Flash Flood |
| Torrential downpours from thunderstorms caused flash flooding across Highway K near the community of Clever | | | | | | | | |
| Christian County | | | | | | | | |
| 7 S Ozark | 18 | 1420CST | | | 0 | 0 | | Thunderstorm Wind (EG60) |
| Greene County | | | | | | | | |
| Springfield | 18 | 1430CST | | | 0 | 0 | | Hail(1.00) |
| Hickory County | | | | | | | | |
| Pittsburg | 18 | 1430CST | | | 0 | 0 | | Hail(0.75) |
| Christian County | | | | | | | | |
| Linden | 18 | 1435CST | | | 0 | 0 | | Hail(0.75) |
| Dallas County | | | | | | | | |
| Long Lane | 18 | 1442CST | | | 0 | 0 | | Thunderstorm Wind (EG70) |
| Webster County | | | | | | | | |
| Rogersville | 18 | 1455CST | | | 0 | 0 | | Hail(0.88) |
| Douglas County | | | | | | | | |
| Dogwood | 18 | 1458CST | | | 0 | 0 | | Thunderstorm Wind (EG60) |
| Laclede County | | | | | | | | |
| Phillipsburg | 18 | 1500CST | | | 0 | 0 | | Hail(0.75) |
| Webster County | | | | | | | | |
| 1 S Seymour | 18 | 1500CST | | | 0 | 0 | | Hail(0.88) |
| Ozark County | | | | | | | | |
| Almartha | 18 | 1510CST | | | 0 | 0 | | Thunderstorm Wind (EG60) |
| Several large trees were downed from severe thunderstorm wind gusts. | | | | | | | | |
| Wright County | | | | | | | | |
| 2 S Mansfield | 18 | 1525CST | | | 0 | 0 | | Hail(0.88) |
| Ozark County | | | | | | | | |
| 4 W Isabella | 18 | 1538CST | | | 0 | 0 | | Hail(0.88) |
| Wright County | | | | | | | | |
| 5 N Mountain Grove | 18 | 1543CST | | | 0 | 0 | | Hail(1.00) |
| Stone County | | | | | | | | |
| 3 N Crane | 18 | 1715CST | | | 0 | 0 | | Hail(1.25) |
| Texas County | | | | | | | | |
| 2 W Hartshorn | 18 | 1715CST | | | 0 | 0 | | Hail(1.75) |
| Shannon County | | | | | | | | |
| 2 S Birch Tree | 18 | 1750CST | | | 0 | 0 | | Thunderstorm Wind (EG60) |
| Several trees were downed along Highway Y south of Birch Tree from severe thunderstorm wind gusts | | | | | | | | |



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|---|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------------|
| | | | | | Killed | Injured | Property | Crops | |
| <u>MISSOURI, Southwest</u> | | | | | | | | | |
| Shannon County | | | | | | | | | |
| Delaware | 18 | 1807CST | | | 0 | 0 | | | Hail(0.75) |
| Shannon County | | | | | | | | | |
| Eminence | 18 | 1820CST | | | 0 | 0 | | | Hail(0.88) |
| Barton County | | | | | | | | | |
| 4 NE Lamar | 23 | 0230CST | | | 0 | 0 | 3K | | Thunderstorm Wind (EG70) |
| Straight line winds from a possible microburst destroyed a hog barn and threw a large portion of it on a nearby highway. No other damage was observed from this storm. | | | | | | | | | |
| Jasper County | | | | | | | | | |
| Carthage | 23 | 0315CST | | | 0 | 0 | | | Hail(0.75) |
| Newton County | | | | | | | | | |
| Seneca | 23 | 0320CST | | | 0 | 0 | | | Hail(1.00) |
| Newton County | | | | | | | | | |
| Seneca | 23 | 0321CST 0325CST | | | 0 | 0 | | | Thunderstorm Wind (EG60) |
| Squall line thunderstorms entered the western end of Newton County and caused severe wind damage along with dropping large hail near the community of Seneca. Several street signs and trees were downed. | | | | | | | | | |
| Newton County | | | | | | | | | |
| Granby | 23 | 0340CST | | | 0 | 0 | | | Hail(0.75) |
| Miller County | | | | | | | | | |
| Eldon | 23 | 0500CST | | | 0 | 0 | | | Thunderstorm Wind (EG60) |
| Law enforcement officials observed downed trees from severe thunderstorm wind gusts | | | | | | | | | |
| Christian County | | | | | | | | | |
| Nixa | 23 | 0527CST | | | 0 | 0 | | | Thunderstorm Wind (EG60) |
| Webster County | | | | | | | | | |
| 5 S Marshfield | 23 | 0605CST | | | 0 | 0 | | | Thunderstorm Wind (EG60) |
| Law enforcement officials observed a few trees downed from severe thunderstorm wind gusts. | | | | | | | | | |
| Greene County | | | | | | | | | |
| Springfield | 23 | 1430CST | | | 0 | 0 | | | Thunderstorm Wind (EG60) |
| Law enforcement officials observed several trees downed from severe thunderstorm wind gusts. | | | | | | | | | |